Natural under Com-plete Abend Codes and Error Messages

This section contains the error messages, abend codes and error codes issued by the Natural Com-plete teleprocessing interface. Unlike Natural system messages, the explanatory long texts to these messages and codes are only available in this document, not online.

This section covers the following topics:

- Natural under Com-plete Abend Codes and Error Messages
- Natural under Com-plete Initialization Errors

Natural under Com-plete Abend Codes and Error Messages

Code	Explanation
301	An abend has been forced via CMABEND and DU=ON/FORCE has been specified. The session will be terminated immediately with clean-up for DU=ON and without any cleanup for DU=FORCE. IOCB field TPABCDE (register 10 + x18C) contains the abend code.
302	An abend has occurred and DU=ON has been specified. The session will be cleaned up before it is abended. IOCB offset x'290' contains the PSW and the registers 0 to 15.
303	The Natural shared nucleus has been displaced during a terminal I/O, but the last terminal I/O was of type CONVERSATIONAL. Possible reasons: 3GL CALLNAT or Con-nect COMPOSE statement.
304	An abend has occurred, and Natural is not ready to handle it. The session will be terminated immediately without any clean-up. IOCB offset x'290' contains the PSW and the registers 0 to 15.
305	An abend has occurred and Natural's BB could not be addressed.
306	An internal error has occurred within a Natural nucleus routine. IOCB field CMESPSW+4 (register 10 + x294) points to a character string indicating the reason for the abend.
307	The Natural under Com-plete save area stack is exhausted.
308	An abend has occurred and the Natural Com-plete Spie handler abends recursive.
309	An asynchronous error has occurred, and Natural is not ready to handle it. The session will be terminated immediately without any clean-up. IOCB offset x'290' contains the PSW and the registers 0 to 15.
310	The CANCEL string has been entered.
311	Bad return code from IEANTRT (OS name/token services).
312	The Natural shared nucleus has been displaced during a terminal I/O, and the Natural relocation module returns a non-zero return code.

Natural under Com-plete Initialization Errors

NCF0001 - Not enough memory to start Natural

Expl.	The NTHSIZE value in source NCFPARM is too big for the defined Com-plete thread.
Actn.	Adapt the Com-plete threads or decrease the NTHSIZE value.

NCF0002 - Unsupported operating system

Expl.	Supported operating systems are: OS/390, VSE/ESA and FACOM. The system must be 31-bit capable.
Actn.	None.

NCF0003 - Unable to load Natural nucleus

Expl.	The Natural nucleus cannot be loaded.
Actn.	Refer to the **Com-plete Application Programmer's documentation**, section **Task Management**, function COLOAD.

NCF0004 - Not enough memory for back-end data

Expl.	The termination data area cannot be allocated inside the thread.
Actn.	Increase the ULIB RG-size for threads below or the THABOVESIZE for threads above.

NCF0005 - Natural parameter module missing

Expl.	The Natural parameter module is not linked to the front-end driver module.
Actn.	Link the Natural parameter module to the front-end module.

NCF0006 - Natural not RESIDENTPAGE

Expl.	The front-end driver module is loaded or called as thread program.
Actn.	Mark the front-end driver module as resident program.

NCF0007 - NCF parameter module missing

Expl.	The Natural under Com-plete parameter module is not linked to the front-end driver module.
Actn.	Link the Natural under Com-plete parameter module to the front-end module.

NCF0008 - Unsupported Com-plete version

Expl.	The supported Com-plete version is V513 or above.
Actn.	None.

NCF0009 - Unable to load user exit xxx

Expl.	The specified user exit cannot be loaded.
Actn.	Refer to the Com-plete Application Programmer's documentation, section Task Management, function COLOAD.